

ABSTRACT OF THE DISCLOSURE

An object of the present invention is to provide routing control system, routing control device, transfer device and routing control method, whereby the function of transfer devices can be more simplified and more efficient, and the transfer routes of packets can be grasped and designated appropriately. The communication system includes a plurality of transfer devices R1-R6 and a routing control device. The routing control device has a routing control table and transmits, as routing control information, information regarding the initial transfer device and cost contained in a corresponding entry of the routing control table, to a transfer device which requests transmission of routing control information. The routing control information is transmitted thereto from the routing control device, thereby each of the transfer devices R1-R6 can execute packet routing processing based on the routing control information. If each of the transfer devices R1-R6 has no routing control information, it requests transmission of the routing control information from the routing control device.